

Professional Audio Service Bulletin

Mincom
Division **3M**
COMPANY

BULLETIN NO. 17

SUBJECT: Modification of Signal Electronics PC Board for DOLBY Interface.
APPLICABLE TO: All M-79 Recorders
PURPOSE: Prevent Oscillations of Signal Electronic when DOLBY unit is disconnected.

REQUIRED PARTS:

<u>Component</u>	<u>Description</u>	<u>Mincom Catalog No.</u>	<u>Quantity per Board</u>
Capacitor	.001 μ f, 1000V, 10%	83-1510-1024	1
Resistor	15 ohms, 1/2W, 2%	83-1520-7267	1
Teflon Tubing	(for the insulation of component leads)		As Required

PROCEDURE:

1. Drill four holes .041/.046 inches in diameter at points indicated on figure 1.

CAUTION

When drilling holes adjacent to circuit traces, do NOT drill into the trace.

2. Cut the printed circuit trace as indicated on figure 1.
3. Install the capacitor, designated C-62 in the holes drilled in the finger contacts (see figure 2). Insure the leads lie flat against the board to prevent shorts to the board brace.
4. Install the resistor, designated R139, as indicated in figure 2. Bend the leads to make contact with the trace on the back of the board and solder. R-139 must be bent as shown to prevent accidental short circuits and to permit the board to be installed in the Recorder.
5. Change Instruction Manual schematics (see figure 3) and parts list to reflect C-62 and R-139.

GM;rb
November, 1974

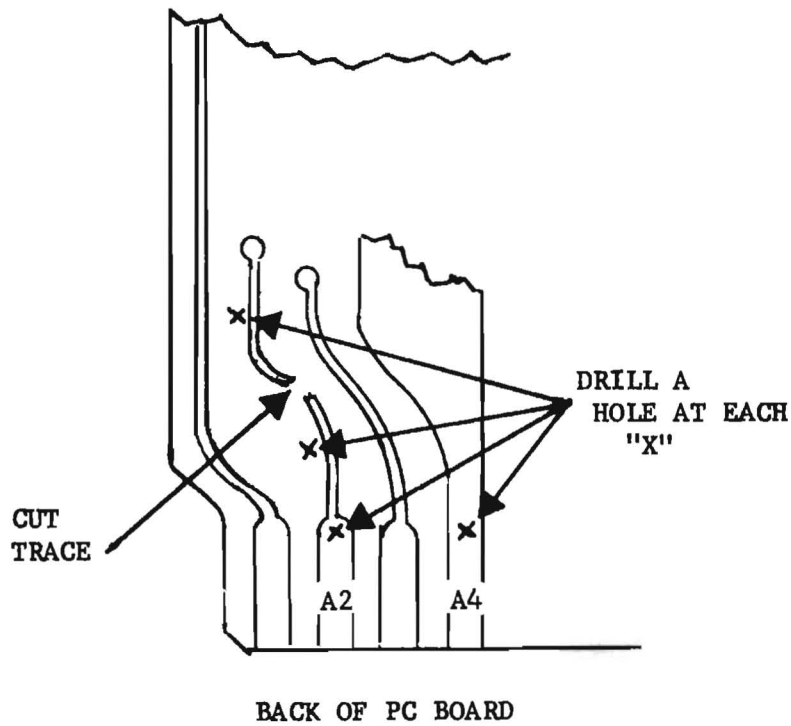


FIGURE 1

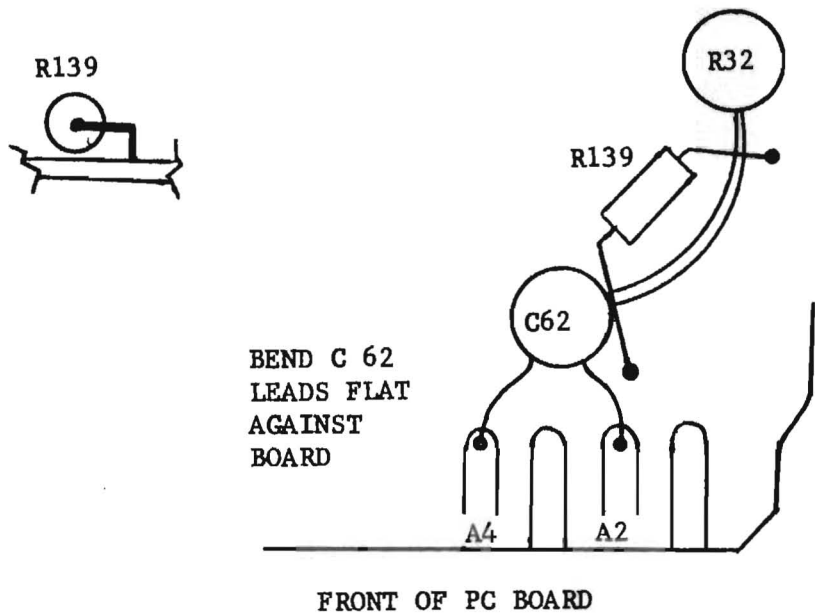


FIGURE 2

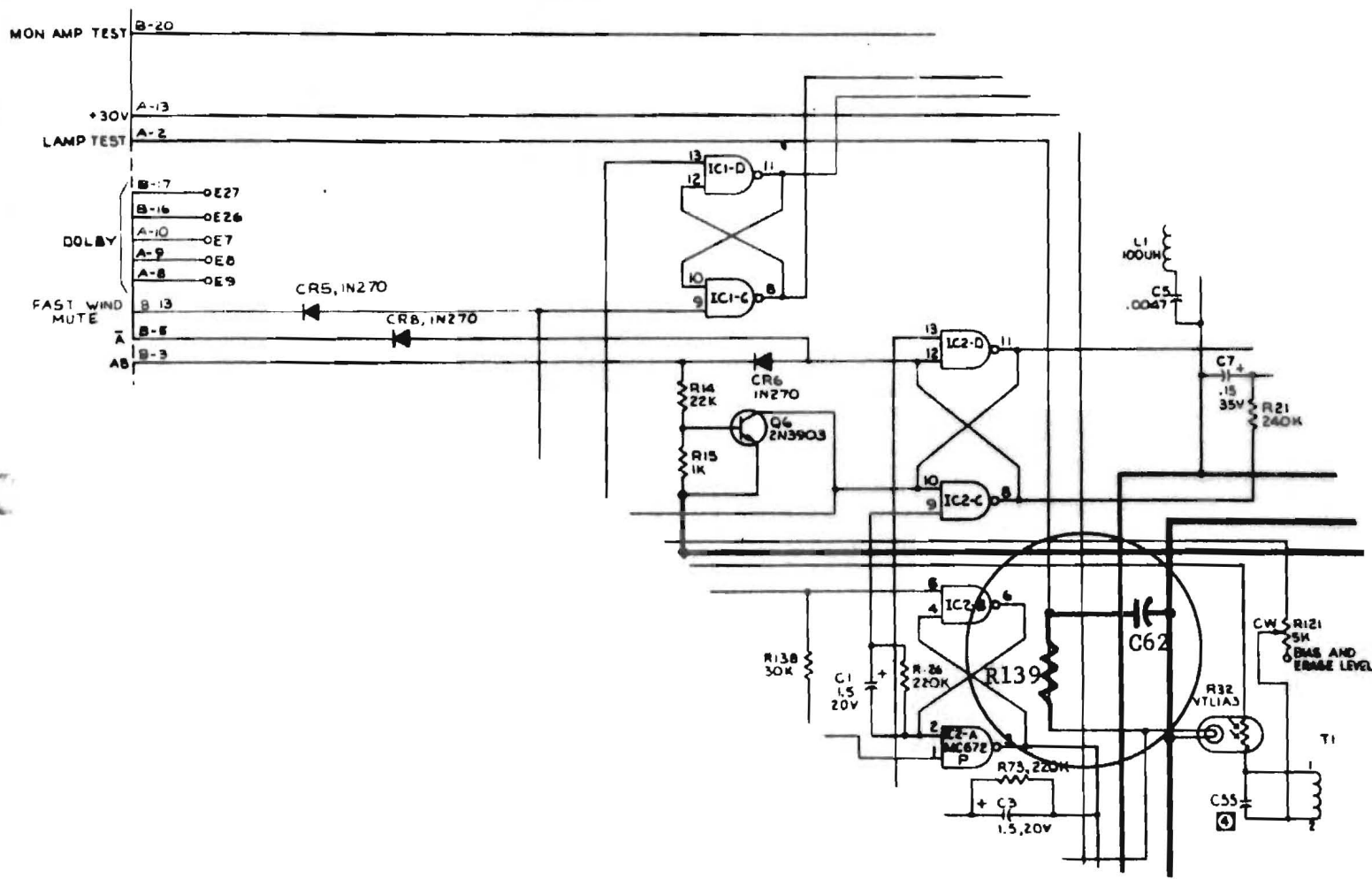


FIGURE 3

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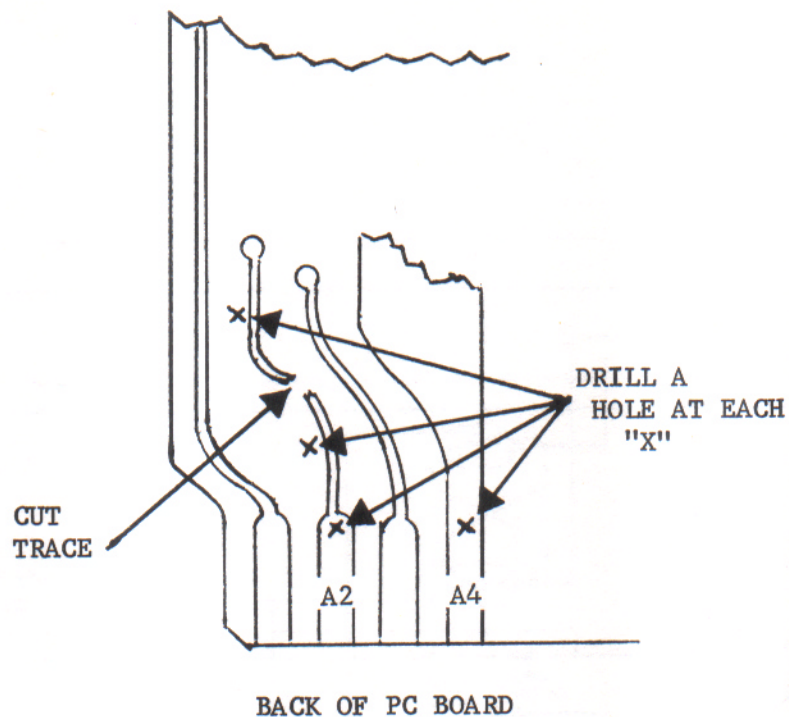


FIGURE 1

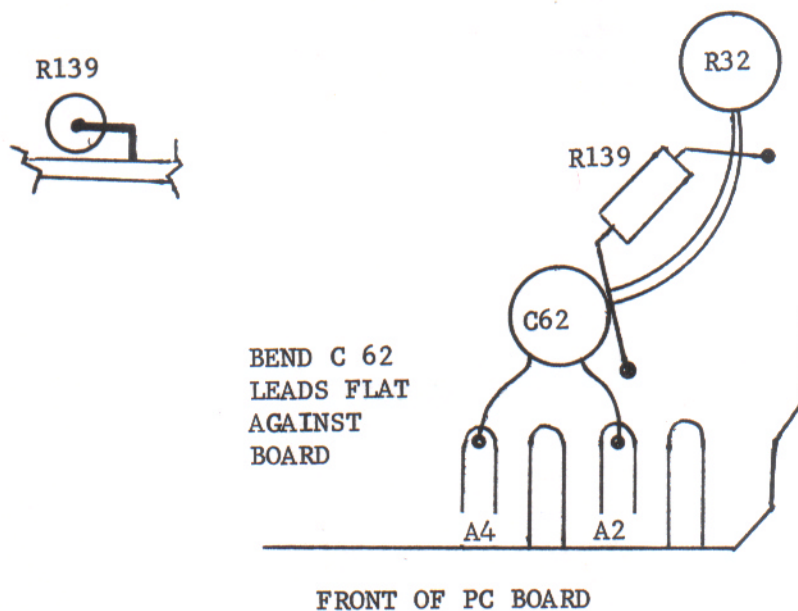


FIGURE 2

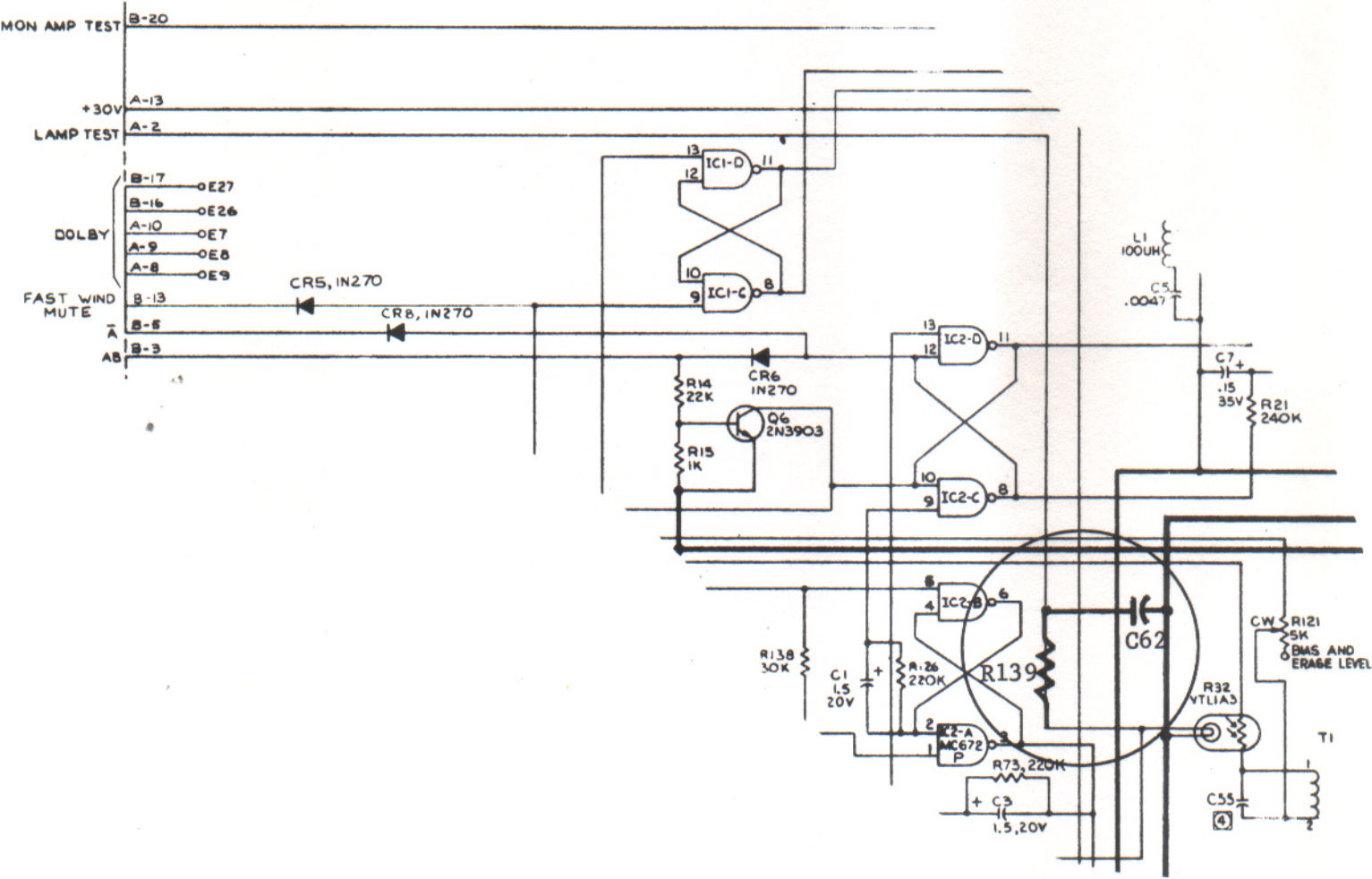


FIGURE 3